**Division:** Health Professions & Nursing

**Instructor Information:**
- **Name:** Shellie Son
- **Office:** MHSB 224
- **Office hours:** Monday, 8:00 - 11:00 a.m.
  Tuesday, 8:00 - 10:00 a.m.
- **Telephone:** (208) 676-7133 (Office)
- **E-mail:** Shellie_Son@nic.edu

**Course Information:**
- **Course Number:** RADT 201
- **Course Days/times:** Tues & Thurs 10:00 am – 10:50 am
- **Credits:** 2.0
- **Hours per week:** 2 lecture
- **Prerequisites:** RADT 103, RADT 104, RADT 105, RADT 107, RADT 180 with a grade of C or higher

**Textbooks:**
- **Required:**
  - *Patient Care in Radiography, with an introduction to medical imaging:* Ehrlich, McCloskey, & Daly; Mosby Publishing: 7th Ed., 2009

**Supplies:** None

Events and dates of this syllabus are subject to change at the discretion of the instructor.
Course Description:

This course includes an introduction to the uses, contraindications and pharmacology of contrast media. Students will learn pharmacology principles, drug classification and safety, routes of administration, intravenous drug therapy, current practice status, and informed consent. Procedural considerations for contrast studies (such as upper gastrointestinal exams and barium enemas) and fluoroscopic techniques will be covered.

Course Outcomes:

At the completion of this course, the student will:

1. Demonstrate understanding of drug safety, nomenclature, classification, categories, administration, and relevance to radiography,

2. Identify the classification of contrast agents, side effects, routes of administration, and emergency procedures for contrast reactions,

3. Demonstrate understanding of radiographic positioning and techniques during contrast studies of the gastrointestinal, genitourinary, biliary systems,

4. Identify radiographic anatomy and pathology on contrast studies,

5. Describe radiologic pathology in contrast studies,

6. Demonstrate understanding of informed consent and current practice standards,

7. Demonstrate understanding of intravenous procedures,

8. Determine proper scheduling and sequencing of exams.

Assessment of Outcomes:

You will demonstrate achievement of the course outcomes by satisfactorily completing assignments, quizzes, exams and tests throughout the semester.

General Education Abilities this course emphasizes:

Critical/Creative Thinking and Problem Solving
Mathematical, Scientific, and Symbolic Reasoning

Specific Course Requirements:

- Students are expected to read assigned readings prior to each class period.
- Students are expected to complete assignments and hand them in on the due date.
- Studying must occur on an on-going daily basis and should not be saved for last minute “cramming”.
- Attendance is expected and is important because large volumes of information are covered in each class meeting.
- Attentiveness (listening) and respectful attitude toward instructor and other students is expected.
- Active participation in individual and group assignments and discussions is expected.
Attendance Policy:

Attendance is very important. Excessive absences will cause the student to fall behind in the course work. See the Radiography Student Handbook for more information.

Methods of Instruction:

Class is set up as a lecture class with frequent quizzing, exams, and tests.

Policy on Academic Dishonesty:

Please refer to the NIC Student Handbook. Dishonesty of any type will not be tolerated. Students who violate the academic dishonesty policy may receive an F for the course.

Evaluation:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Venipuncture lab test</td>
<td>5%</td>
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<tr>
<td>Assignments</td>
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<tr>
<td>Quizzes</td>
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<td>Exams</td>
<td>30%</td>
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<tr>
<td>Midterm</td>
<td>15%</td>
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<tr>
<td>Final</td>
<td>15%</td>
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<tr>
<td>Total points possible</td>
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Note: A 75.0% semester average on quizzes, tests, midterm, and final is required to pass the course with a grade of C or better. If a 75.0% is not achieved, the testing average will be converted to a letter grade and recorded as the course grade and no other course requirements will be included in the grade calculation.

Grading scale is as outlined in the Radiography Student Handbook:

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100%</td>
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<tr>
<td>A-</td>
<td>90-92%</td>
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<tr>
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<td>D</td>
<td>63-67%</td>
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<td>D-</td>
<td>60-62%</td>
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